

PROJECT SUMMARY

I. Introduction

A construction permit application has been voluntarily submitted by S & C Electric Company to modify their existing Fuse Coating and Marking Line and the Adhesive Application Operation. In addition, the source has accepted source wide operational and emission limitations for the purpose of limiting their hazardous air pollutant (HAP) emissions to less than major source thresholds. The conditions in the proposed permit for the project are based on the project not being a major modification under 35 IAC Part 203, Major Stationary Sources Construction and Modification (MSSCAM). The proposed permit conditions include emission limitations, operational limits, recordkeeping requirements, and reporting requirements.

II. Source Description

S & C Electric is located in Chicago, Illinois, Cook county. Cook county is designated as non-attainment for ozone and attainment for all other pollutants. The construction permit application is for a modification to their existing Fuse Coating and Marking Line and the Adhesive Application Operation. The modification will entail an increase in the allowable volatile organic material (VOM) emissions from the fuse coating and marking line and the adhesive application operation. Also, the company has requested operational flexibility which will allow them to discontinue the use of the existing afterburner when low-VOM (compliant) coatings are used. The permit has limitations on coating and solvent usage and VOM/HAP emissions. These limits and other limits in the permit are required to ensure that the emission increase for this project as well as all other projects in the last five years will not exceed 25 tons per year for volatile organic material.

III. Emissions

This permit is issued based upon the source not being subject to MSSCAM because the increase in VOM emissions does not constitute a major modification of the source. This permit is also issued based upon the source accepting limitations on the plant operations such that the source will not be operated as a major source of HAPs.

IV. Applicable Emission Standards

All emission sources in Illinois must comply with the Illinois Pollution Control Board's emission standards. The Board's emission standards represent the basic requirements for sources in Illinois. The Board has standards for sources of VOM. This site readily complies with all applicable Board standards.

V. Proposed Permit

The conditions of the proposed permit contain limitations and requirements to assure that this facility will not trigger the requirements of MSSCAM and be operated as a non-major source of HAPs. The permit sets limitations on coating and solvent usage.

The permit conditions also establish appropriate compliance procedures, including inspection practices, recordkeeping requirements, and reporting requirements. The Permittee must carry out these procedures on an on-going basis to demonstrate that the facility is operating within the limitations set by the permit and are properly controlling emissions.

VI. Request for Comments

It is the Illinois EPA's preliminary determination that the facility meets all applicable state and federal air pollution control requirements, subject to the conditions proposed in the draft permit. The Illinois EPA is therefore proposing to issue a construction permit for this project.

Comments are requested on this proposed action by the Illinois EPA and the proposed conditions on the draft permit. If substantial public interest is shown in this matter, the Illinois EPA will consider holding a public hearing in accordance with 35 Ill. Adm. Code Part 166.

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